

Bolt holes of flanges shall straddle body center lines.

(Unit: mm)

Nominal dia	d	d1	L	D	Flange				Ht (opened)	Lift	Handwheel	Body				Bonnet		Stem		Stuffing box	Between faces		WEIGHT (kg)					
					P.C. dia	Bolt holes		Nominal dia. of bolt				t	d2	a	R	H1	d4	D1	H2		d5	Threads		d6	S	d7	S2	S3
						No	h																					
15	15	20	100	80	60	4	12	M10	9	130	5	80	40	3	40	47	M36x2	45	33	10	TW14	8	17	32	32	2.02		
20	20	25	110	85	65	4	12	M10	10	140	6	100	48	4	48	53	M42x2	52	36	12	TW16	10	19	36	36	2.86		
25	25	30	120	95	75	4	12	M10	10	160	8	125	55	4	55	59	M42x2	52	43	13	TW18	10	21	36	36	3.54		
32	32	37	140	115	90	4	15	M12	12	170	11	125	68	4	68	61	M52x2	65	48	13	TW18	10	21	41	36	5.00		
40	40	45	160	120	95	4	15	M12	12	190	14	140	82	5	82	69	M58x2	70	53	15	TW20	12	23	41	41	6.48		

■ HYDRAULIC INSPECTION ■

TEST PRESSURE MPa (kgf/cm ²)	BODY	1.03 (10.5)
	SEAT	0.76 (7.7)

■ PRESSURE RATING ■

FLUID CONDITION	MAXIMUM WORKING PRESSURE MPa (kgf/cm ²)
STEAM OF 205°C OR LESS	0.49 (5)
AIR, GAS, OIL AND PULSATION WATER	
NON-SHOCK WATER OF 120°C OR LESS	0.69 (7)

16	SEAT RING	C3771BD	1	
15	NAME PLATE	C2801P	1	
14	PACKING	NON-ASBESTOS	1set	
13	DISK LOCK WASHER	C2600P	1	
12	LOCK PLATE	C2600P	1	
11	SPLIT PIN	C2600W	1	
10	HEXAGON NUT	C3604BD	1	
9	HANDWHEEL	FC200	1	
8	SET SCREW	C2700W	2	
7	STEM	C3771BD	1	
6	GLAND NUT	C3771BD	1	
5	PACKING GLAND	C3771BD	1	
4	DISC NUT	C3771BD	1	
3	DISC	BC6	1	
2	BONNET	BC6	1	
1	BODY	BC6	1	

NO.	NAME OF PART	MATERIAL	Q'TY	REMARK
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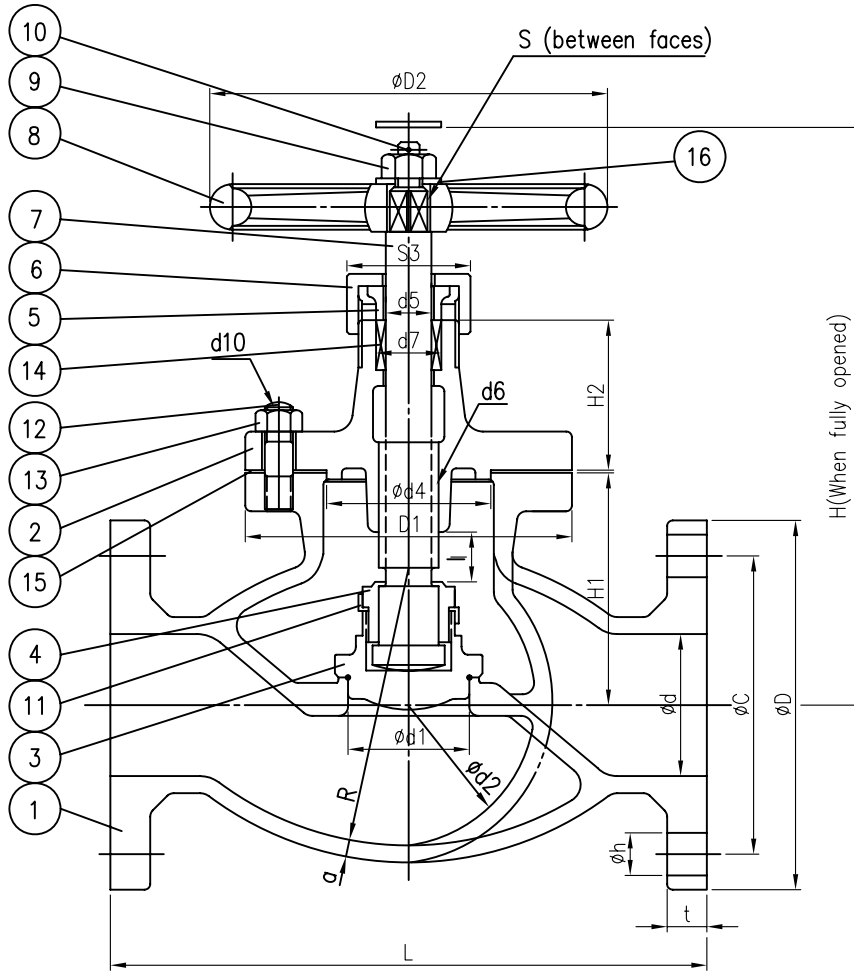
REV	DATE	DESCRIPTION OF REASON	DRAW'G	CHK'D	APP'D
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DESCRIPTION JIS F7301 CAST BRONZE 5kgf/cm²
GLOBE VALVES

DRAW'G	CHK'D	APP'D	SCALE	NON
H.J.YUN	S.M.BAB	S.M.BAB	UNIT	(mm) inch
			PROJECT	

DATE	06.11.16	DWG NO.	KS-BC-GL-1-A1	REV 0
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技星金屬株式會社
KEY SUNG METAL CO., LTD.



Bolt holes of flanges shall straddle body center lines.

(Unit: mm)

Nominal dia	Flange										Body										Stem			Stuffing box		WEGHT (kg)
	d	d1	L	D	Bolt holes			Nominal dia. of bolt	t	H	I	Handwheel D2	d2	a	R	H1	D1	d4	H2	d5	d6	S	d7	S3	d10	
					P.C dia	C	No																			
50	50	50	210	130	105	4	15	M12	14	235	21	140	105	6	105	85	115	60	63	16	TW22	12	26	46	M12	11.7
65	65	65	250	155	130	4	15	M12	14	260	26	160	130	7	130	100	140	76	66	18	TW24	14	28	50	M12	17.0

■ HYDRAULIC INSPECTION ■

TEST PRESSURE MPa (kgf/cm ²)	BODY	1.03 [10.5]
	SEAT	0.76 [7.7]

■ PRESSURE RATING ■

FLUID CONDITION	MAXIMUM WORKING PRESSURE MPa (kgf/cm ²)
STEAM OF 205°C OR LESS	0.49 (5)
AIR, GAS, OIL AND PULSATION WATER	
NON-SHOCK WATER OF 120°C OR LESS	0.69 (7)

16	NAME PLATE	C2801P	1	
15	GASKET	NON-ASBESTOS	1	
14	PACKING	NON-ASBESTOS	1set	
13	HEXAGON NUT	C3604BD	1set	
12	STUD BOLT	C3771BD	1set	
11	DISK LOCK WASHER	C2600P	1	
10	SPLIT PIN	C2600W	1	
9	HEXAGON NUT	C3604BD	1	
8	HANDWHEEL	FC200	1	
7	STEM	C3771BD	1	
6	GLAND NUT	C3771BD	1	
5	PACKING GLAND	C3771BD	1	
4	DISC NUT	C3771BD	1	
3	DISC	BC6	1	
2	BONNET	BC6	1	
1	BODY	BC6	1	

NO.	NAME OF PART	MATERIAL	Q'TY	REMARK	
REV	DATE	DESCRIPTION OF REASON	DRAW'G	CHK'D	APP'D

DESCRIPTION JIS F7301 CAST BRONZE 5kgf/cm² GLOBE VALVES

DRAW'G	CHK'D	APP'D	SCALE	NON
H.J.YUN	S.M.BAB	S.M.BAB	UNIT	(mm) inch
DATE	06.11.16	DWG NO.	KS-BC-GL-1-A2	REV 0

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 KEY SUNG METAL CO., LTD.